

## METHOD FOR FORMING SUPPORTED PALLADIUM MEMBRANE USED FOR HYDROGEN PURIFICATION

### ABSTRACT OF THE DISCLOSURE

A method for forming a supported palladium membrane used for hydrogen purification and production is disclosed. The method comprises steps of providing a support, filling the support with a metal, electroless plating a palladium membrane on the support with a palladium salt solution, and DC sputtering a further palladium membrane on the support.